

**ABSTRACT OF THE DISCLOSURE**

The leaves of the blue agave plant, heretofore considered as waste, are processed to produce additional tequila by a process comprising reducing the size of the leaves, mixing with water, macerating the tissue by physical force to release sugars from the leaves, and subjecting the leaves to alcohol fermentation, either alone or in combination with tequila production from the piña of the blue agave plant.

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